



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Timothy W. CONNER *et al.*

Appl. No.: 09/333,534

Filed: June 14, 1999

For: *Nucleic Acid Molecules and Other
Molecules Associated with Plants*

Art Unit: 1631

Examiner: A. MARSCHEL

Atty. Docket: 16517.001/38-21(15404)B

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E. Williams
5-8-02

Amendment After Final Rejection

Box Non-fee Amendment

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Final Office Action mailed December 3, 2001 (paper number 11), Applicants submit the following amendment and remarks.

IN THE SPECIFICATION

On page 5, please **delete** the paragraph spanning lines 16 to 25, and **replace** it with the following:

Similarity analysis includes database search and alignment. Examples of public databases include the DNA Database of Japan (DDBJ) (www-ddbj.nig.ac.jp/); GenBank (www-ncbi.nlm.nih.gov/web/GenBank/Index.html); and the European Molecular Biology Laboratory Nucleic Acid Sequence Database (EMBL) (www-ebi.ac.uk/ebi_docs/embl_db.html). A number of different search algorithms have been developed, one example of which are the suite of programs referred to as BLAST programs. There are five implementations of BLAST, three designed for nucleotide sequence queries (BLASTN,

OK TO ENTER
AM, 5-17-02